

immitis, for prevention and control of flea populations, control of adult *Ancylostoma caninum* (hookworm), and removal and control of adult *Toxocara canis*, *Toxascaris leonina* (roundworm), and *Trichuris vulpis* (whipworm) infections. Lufenuron controls flea populations by preventing the development of flea eggs and does not kill adult fleas. Concurrent use of insecticides may be necessary for adequate control of adult fleas.

(iii) *Limitations*. Administer tablets once a month, preferably on the same date each time. All dogs in a household should be treated to achieve maximum efficacy. Do not use in dogs less than 4 weeks of age and less than 2 pounds body weight. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(2) [Reserved]

[62 FR 28629, May 27, 1997, as amended at 63 FR 41190, Aug. 3, 1998]

§ 520.1448 Monensin oral dosage forms.

Monensin, as the base or the sodium salt, contains a minimum of 90 percent monensin activity derived from monensin A and a minimum of 95 percent derived from monensin A plus B. Using thin layer chromatography, the R_f value must be comparable to a reference standard (the R_f value is the distance the spots travel from the starting line divided by the distance the solvent front travels from the starting line). The loss on drying is not more than 10 percent when dried in vacuum at 60 °C for 2 hours.

[55 FR 3586, Feb. 2, 1990]

§ 520.1448a Monensin blocks.

(a)(1) *Specifications*. Each pound of protein-mineral block contains 400 milligrams of monensin (0.088 percent) as monensin sodium.

(2) *Sponsor*. See 036904 in § 510.600(c) of this chapter.

(3) *Related tolerances*. See § 556.420 of this chapter.

(4) *Conditions of use*—(i) *Amount*. 80 to 200 milligrams of monensin (0.2 to 0.5 pound of block) per head per day.

(ii) *Indications for use*. Increased rate of weight gain.

(iii) *Limitations*. Block to be fed free choice to pasture cattle (slaughter,

stocker, feeder, and dairy and beef replacement heifers). Provide at least 1 block per 5 head of cattle. Feed blocks continuously. Do not feed salt or minerals containing salt. Do not allow horses or other equines access to formulations containing monensin (ingestion of monensin by equines has been fatal). The effectiveness of this block in cull cows and bulls has not been established.

(b) [Reserved]

(c)(1) *Specifications*. Each pound of protein block contains 175 milligrams of monensin (0.038 percent) as monensin sodium.

(2) *Sponsor*. See 021676 in § 510.600(c) of this chapter.

(3) *Related tolerances*. See § 556.420 of this chapter.

(4) *Conditions of use*—(i) *Amount*. 40 to 200 milligrams of monensin (0.25 to 1.13 pounds or 4 to 18 ounces of block) per head per day.

(ii) *Indications for use*. Increased rate of weight gain.

(iii) *Limitations*. Blocks to be fed free choice to pasture cattle (slaughter, stocker, and feeder). Provide at least 1 block per 4 head of cattle. Do not allow cattle access to salt or mineral while being fed this product. Ingestion by cattle of monensin at levels of 600 milligrams per head per day and higher has been fatal. Do not allow horses or other equines access to formulations containing monensin (ingestion of monensin by equines has been fatal). Block's effectiveness in cull cows and bulls has not been established.

(d)(1) *Specifications*. Each pound of block contains 400 milligrams of monensin (0.088 percent) as monensin sodium.

(2) *Sponsor*. See 051267 in § 510.600(c) of this chapter.

(3) *Related tolerances*. See § 556.420 of this chapter.

(4) *Conditions of use*—(i) *Amount*. 50 to 200 milligrams of monensin (2 to 8 ounces of block) per head per day.

(ii) *Indications for use*. Pasture cattle: Increased rate of weight gain.

(iii) *Limitations*. Blocks to be fed free choice to pasture cattle (slaughter, stocker, feeder, and dairy and beef replacement heifers). Provide at least one block per five head of cattle. Feed blocks continuously. Do not feed salt or